

EAST - [new default.wsp:1]

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DBs: USPAT; US-PGPUB; EPO; JPO; DERWENT Plurals

Default operator OR Highlight all hit terms initially

30 and 31

BRS1... ISAR... Image Text HTML

	U	I	Document ID	Issue Date	Pages	Title	Current OR	Current XRef
31	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	US 4843170 A	19890627	13	Process for producing vinyl acetate	560/261	560/232; 560/238;
32	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4820026 A	19890411		Ferroelectric liquid crystal device with modified polyvinyl alcohol alignment film	428/1.23	349/132
33	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4818788 A	19890404		Process for producing polyvinyl ester having a high degree of polymerization and	525/62	525/56; 526/319
34	<input type="checkbox"/>	<input type="checkbox"/>	US 4772663 A	19880920	7	Copolymers of vinyl alcohol and acrylates	525/60	526/329.5
35	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4708999 A	19871124	9	Copolymers of vinyl acetate and poly[alkyleneoxy] acrylates	526/320	
36	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4675360 A	19870623	8	Thermoplastically processed packaging articles comprising a copolymer of vinyl	525/60	428/36.6; 428/522
37	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4618648 A	19861021	8	Copolymers of vinyl alcohol and poly[alkyleneoxy]acrylates	525/60	
38	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4617239 A	19861014	13	Paper coating agent	428/452	428/511; 428/537.5
39	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 4576988 A	19860318	10	Saponified products of silicon-containing ethylene-vinyl acetate copolymer as melt	524/503	264/500; 428/447;
40	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 4208499 A	19800617	8	Dispersing stabilizer for suspension polymerization of vinyl compounds	526/202	526/200; 526/210;

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Patent Examiner's Toolkit

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File View Edit Tools Window Help

☐ L26: (7) 19 and 25
☐ L27: (337692) vapor
☐ L28: (5645) 23 same 27
☐ L29: (435) 19 and 28
☐ L30: (45) 21 and 28
☐ L31: (469999) ethylene
☐ L32: (40) 30 and 31
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 Default operator: OR ☒ Highlight all hit terms initially

30 and 31

	U	I	Document ID	Issue Date	Pages	Title	Current OR	Current XRef
14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	US 6288165 B1	20010911	10	Resin composition comprising a saponified product of vinyl acetate polymer	525/59	525/60
15	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5922461 A	19990713	7	Method for inhibiting adsorption of container-derived contaminants on drugs	428/368	206/205; 206/213.1;
16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	US 5744547 A	19980428	9	Processes for producing vinyl acetate polymer and saponified product of vinyl	525/62	526/331; 528/486;
17	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	US 5731456 A	19980324	13	Preparation of vinyl acetate	560/238	
18	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	US 5719315 A	19980217	11	Process for the preparation of vinyl acetate	560/238	
19	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5689785 A	19971118	60	Color image forming method and apparatus used therefor	399/302	156/240; 156/277;
20	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5582941 A	19961210	61	Color image forming method	430/47	430/126; 430/48
21	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5502243 A	19960326	19	Hydrocarbonylation of dimethyl ether	560/232	
22	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5403905 A	19950404	10	Process for producing polyvinyl ester having a high degree of polymerization and	526/210	526/212; 526/227;
23	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5310790 A	19940510	10	Process for producing polyvinyl ester having a high degree of polymerization and	525/62	525/56
24	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5302417 A	19940412	14	Aqueous dispersion and substrate coated with the same	427/385.5	427/388.4; 428/461;

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L Number	Hits	Search Text	DB	Time stamp
1	0	JP-3388-\$.did. or JP-00003388-\$.did. or JP-453388-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR	2002/09/15 11:30
2	0	JP-3388-\$.did. or JP-00003388-\$.did. or JP-453388-\$.did.	USOCR	2002/09/15 11:37
3	20183	vinyl adj acetate	USOCR	2002/09/15 11:38
4	48518	recovering	USOCR	2002/09/15 11:38
5	412	(vinyl adj acetate) same recovering	USOCR	2002/09/15 11:39
6	40576	unreacted	USOCR	2002/09/15 11:39
7	1423	(vinyl adj acetate) same unreacted	USOCR	2002/09/15 11:39
8	56	recovering same ((vinyl adj acetate) same unreacted)	USOCR	2002/09/15 11:40
9	0	recovery adj column	USOCR	2002/09/15 11:41
10	202	recovery adj column	USOCR	2002/09/15 11:41
11	3	(recovering same ((vinyl adj acetate) same unreacted)) and (recovery adj column)	USOCR	2002/09/15 11:43
12	125176	vapor	USOCR	2002/09/15 11:44
13	22	(recovering same ((vinyl adj acetate) same unreacted)) and vapor	USOCR	2002/09/15 11:44
14	97023	ethylene	USOCR	2002/09/15 11:44
15	4	((recovering same ((vinyl adj acetate) same unreacted)) and vapor) and ethylene	USOCR	2002/09/15 11:50
16	110	(recovery adj column) same vapor	USOCR	2002/09/15 11:51
17	1	(vinyl adj acetate) and ((recovery adj column) same vapor)	USOCR	2002/09/15 11:52
18	698	recovery adj column	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/15 11:52
19	116074	vinyl adj acetate	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/15 11:52
20	102140	unreacted	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/15 11:53
21	799	(vinyl adj acetate) same unreacted	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/15 11:53
22	5	(recovery adj column) and ((vinyl adj acetate) same unreacted)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/15 11:57
23	260431	methanol	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/15 11:57
24	2370	deoxidized	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/15 11:58
25	22	methanol same deoxidized	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/15 11:58
26	7	(vinyl adj acetate) and (methanol same deoxidized)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/15 12:00

27	337692	vapor	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/15 12:00
28	5645	methanol same vapor	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/15 12:00
29	435	(vinyl adj acetate) and (methanol same vapor)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/15 12:01
30	45	((vinyl adj acetate) same unreacted) and (methanol same vapor)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/15 12:01
31	469999	ethylene	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/15 12:02
32	40	((((vinyl adj acetate) same unreacted) and (methanol same vapor)) and ethylene	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/15 12:02